

### REMARKS

Applicants respectfully request further examination and reconsideration in view of the instant response. Claims 1-20 remain pending in the case. Claims 1-13 are rejected. Claims 14-20 are allowed. Claims 1, 3, 4 and 8 are amended herein. No new matter has been added.

### ALLOWABLE SUBJECT MATTER

Claims 14-20 are indicated by the Examiner is being allowed. Applicants wish to thank Examiner for allowing Claims 14-20.

### 35 U.S.C. §102(b)

Claims 1-6, 8-11 and 13 stand rejected under 35 U.S.C. §102(b) as being anticipated by United States Patent 6,301,779 by Azar, hereinafter referred to as the "Azar" reference. Applicants have reviewed the cited reference and respectfully submit that the embodiments of the present invention as recited in Claims 1-6, 8-11 and 13 are not anticipated by Azar.

Applicants respectfully direct the Examiner to independent Claim 1 that recites that an embodiment of the present invention is directed to (emphasis added):

A heat dissipation device comprising:  
a base; and  
a plurality of fins connected to said base and extending out from said base at a non-orthogonal angle to said base, wherein said plurality of fins are substantially parallel;  
wherein said base is thermally coupled to an electronic component, wherein said electronic component is placed proximate a card connector on a circuit board such that a card

extends out from said card connector and overlaps said plurality of fins wherein said plurality of fins are at least partially between said circuit board and said card and wherein said card and said plurality of fins do not come in physical contact.

Independent Claim 8 recites similar limitations. Claims 2-6 that depend from independent Claim 1 and Claims 9-11 and 13 that depend from independent Claim 8 provide further recitations of the features of the present invention.

Azar and the claimed invention are very different. Applicants understand Azar to teach a method for fabricating a heat sink having nested extended surfaces. In particular, Azar does not teach, describe or suggest a heat dissipation device “wherein said base is thermally coupled to an electronic component, wherein said electronic component is placed proximate a card connector on a circuit board such that a card extends out from said card connector and overlaps said plurality of fins wherein said plurality of fins are at least partially between said circuit board and said card and wherein said card and said plurality of fins do not come in physical contact,” as claimed (emphasis added).

In particular, in the statement of reasons for the indication of the allowable subject matter, the Examiner stated that the allowability of Claim 14 resides in the recitation of “wherein said card connector and said electronic component are proximately placed such that said card extends out from said card connector and overlaps said fins wherein said fins are at least partially between said circuit board and said card and wherein said

card and said fins do not come in physical contact.” Applicants respectfully assert that Claims 1 and 8 are amended herein to include a similar recitation.

Applicants respectfully assert that nowhere does Azar teach, disclose or suggest the claimed embodiments of the present invention as recited in independent Claims 1 and 8, that these claims overcome the rejection under 35 U.S.C. § 102(b), and are in a condition for allowance. Therefore, Applicants respectfully submit that Azar also does not teach, disclose or suggest the additional claimed features of the present invention as recited in Claims 2-6 that depend from independent Claim 1 and Claims 9-11 and 13 that depend from independent Claim 8. Applicants respectfully submit that Claims 2-6, 9-11 and 13 overcome the rejection under 35 U.S.C. § 102(b) as these claims are dependent on an allowable base claim.

35 U.S.C. §103(a)

Claims 7 and 12 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Azar in view of United States Patent 5,763,950 by Fujisaki et al., hereinafter referred to as the “Fujisaki” reference. Claim 7 depends from independent Claim 1 and Claim 12 depends from independent Claim 8. Applicants have reviewed the cited reference and respectfully submit that the embodiments of the present invention as recited in Claims 7 and 12 are not anticipated by the combination of Azar and Fujisaki in view of the following rationale.

As described above, independent Claims 1 and 8 are amended herein to include a recitation similar to that of Claim 14 which was indicated as the reason for allowance of Claim 14.

Therefore, in view of the claim embodiments not being shown or suggested in either Azar or Fujisaki, in combination with the above arguments, Applicants respectfully submit that independent Claims 1 and 8 overcome the rejection under 35 U.S.C. § 103(a) and are therefore allowable over the combination of Azar and Fujisaki. Applicants respectfully submit that the combination of Azar and Fujisaki also does not teach or suggest the additional claimed features of the present invention as recited in Claims 7 that depends from independent Claim 1 and Claim 12 that depends from independent Claim 8. Therefore, Applicants respectfully submit that Claims 7 and 12 overcome the rejection under 35 U.S.C. § 103(a), and are in a condition for allowance as being dependent on an allowable base claim.

### CONCLUSION

Based on the arguments presented above, Applicants respectfully assert that Claims 1-13 overcome the rejections of record and, therefore, Applicants respectfully solicit allowance of these Claims.

The Examiner is invited to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

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Examiner: Pape, Zachary  
Art Unit: 2835

Respectfully submitted,

WAGNER, MURABITO & HAO L.L.P.

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A handwritten signature in black ink, appearing to read 'Matthew J. Blecher', written over a horizontal line.

Matthew J. Blecher  
Registration No. 46,558

Two North Market Street  
Third Floor  
San Jose, CA 95113  
(408) 938-9060